

ATTORNEY DOCKET NO.:  
021791.0112

PATENT APPLICATION

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TRANSMITTAL FOR U.S. PATENT APPLICATION  
UNDER 37 CFR §1.53(b)

**Mail Stop Patent Application**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Attorney Docket No.: 021791.0112

Sir:

Transmitted herewith for filing is the original patent application of:

Inventors: Radovan Kovacevic, et al.

For: **SYSTEM AND METHOD FOR CONTROLLING THE SIZE OF  
THE MOLTEN POOL IN LASER-BASED ADDITIVE  
MANUFACTURING**

Enclosed are:

- (1) 27 pages of Specification, Claims and Abstract;
- (2) 8 pages of Formal Drawings;
- (3) Combined Declaration and Power of Attorney (5 Pages);
- (4) 1 page of a Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

Form;

- (5) An executed Assignment (4 Pages) along with a separate cover sheet (2 Pages) in compliance with 37 C.F.R. §§ 3.28, .31 is included;
- (6) 1 page of a Certificate of Mailing by Express Mail No.: EV 324626092

US;

- (7) This Transmittal form (2 pages); and
- (8) Return receipt postcard.

Applicant is a small entity.

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee \$ 375.00
Total Claims	26	20	6	X \$ 9 =	\$ 54.00
Independent Claims	4	3	1	X \$42 =	\$ 42.00
TOTAL FILING FEE =					\$ 471.00

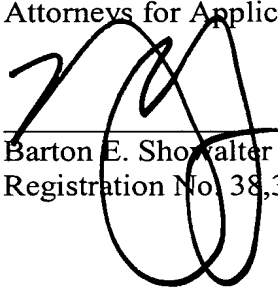
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PATENT APPLICATION

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Enclosed is a check in the amount of \$471.00 for the filing fee. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

BAKER BOTTS L.L.P.  
Attorneys for Applicants



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Barton E. Shorvater  
Registration No. 38,302

Date: August 25, 2003

CORRESPONDENCE ADDRESS:

  X   Customer Number: **05073**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Radovan Kovacevic, et al.  
Filing Date: August 25, 2003  
Title: **SYSTEM AND METHOD FOR CONTROLLING  
THE SIZE OF THE MOLTEN POOL IN LASER-  
BASED ADDITIVE MANUFACTURING**

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Filing Fee Transmittal (2 pages); Patent Application (27 pages) including Specification, 26 Claims, and Abstract; Formal Drawings (8 Sheets); executed Declaration and Power of Attorney (5 pages); executed Assignment (4 pages); Assignment Recordation Coversheet (2 pages); Non-publication Request Under 35 U.S.C. 122(b)(2)(B)(i) Form; Baker Botts L.L.P. return receipt postcard (1 card); and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 25th day of August, 2003 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Willie Jiles

Express Mail Receipt  
No. EV 324626092 US

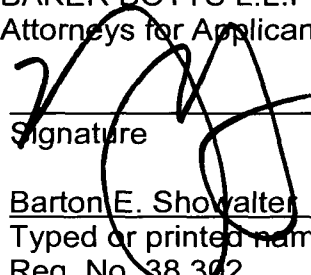
<b>NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor <b>Radovan Kovacevic, et al</b>	
	Title	<b>SYSTEM AND METHOD FOR CONTROLLING THE SIZE OF THE MOLTEN POOL IN LASER-BASED ADDITIVE MANUFACTURING</b>
	Atty.'s Docket	<b>021791.0112</b>

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 25, 2003  
Date

BAKER BOTTS L.L.P.  
Attorneys for Applicants

  
Signature

Barton E. Showalter  
Typed or printed name  
Reg. No. 38,302

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this non-publication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.